



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number: 153936

TO: Vanessa L Ford  
Location: rem/3b25/3c18  
Art Unit: 1645  
Tuesday, May 24, 2005

Case Serial Number: 10726029

From: Mary Jane Ruhl  
Location: Biotech-Chem Library  
Remsen 1-A-62  
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### Search Notes

Examiner Ford,

Here are the results for your recent search request.

Please feel free to contact me if you have any questions about these results.

Thank you for using STIC services. We appreciate the opportunity to serve you.

Sincerely,

Mary Jane Ruhl  
Technical Information Specialist  
STIC  
Remsen 1-A-62  
Ext. 22524



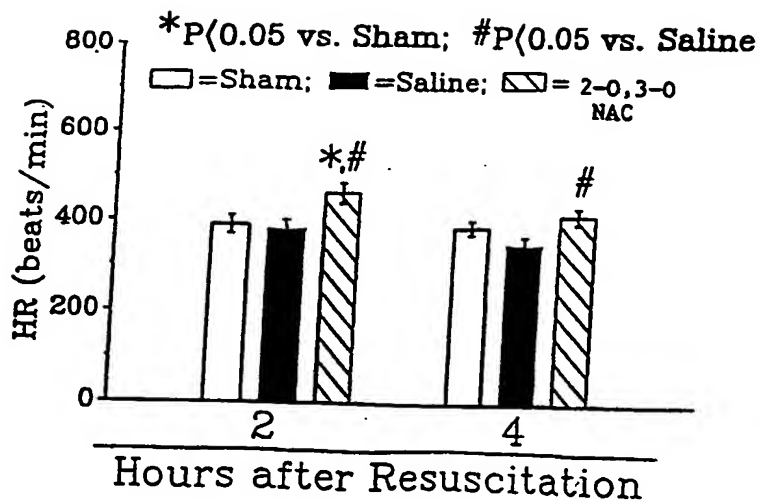


FIG. 6A

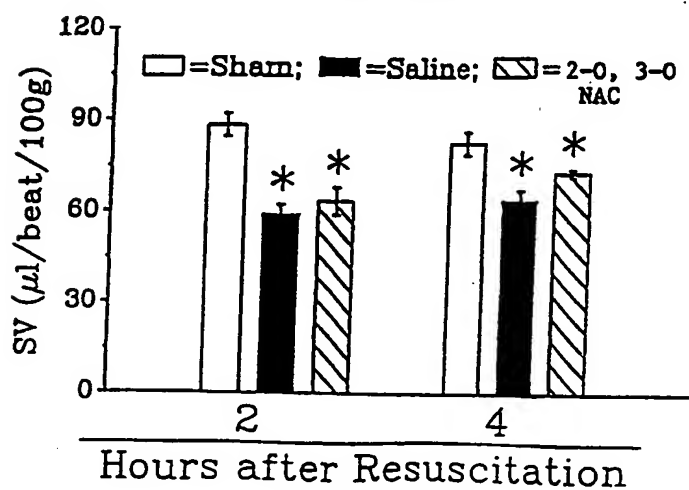


FIG. 6B

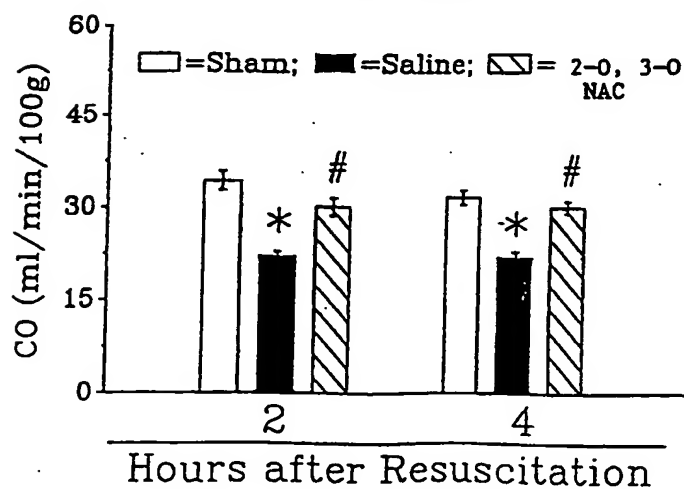


FIG. 6C

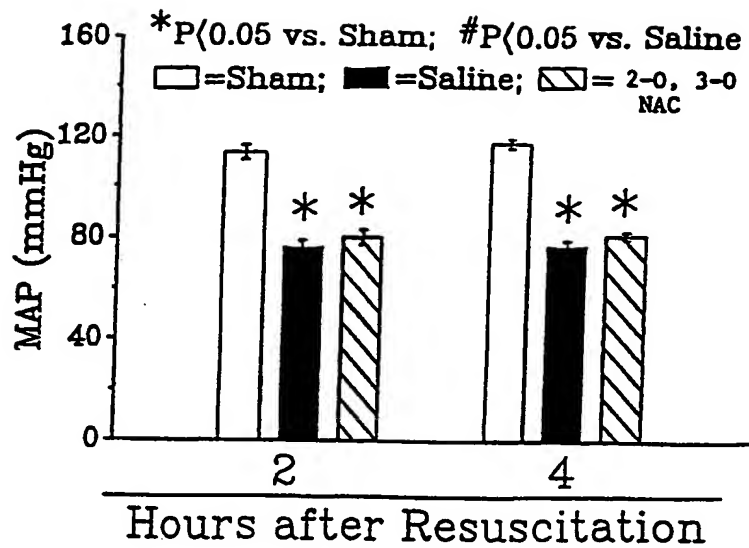


FIG. 7A

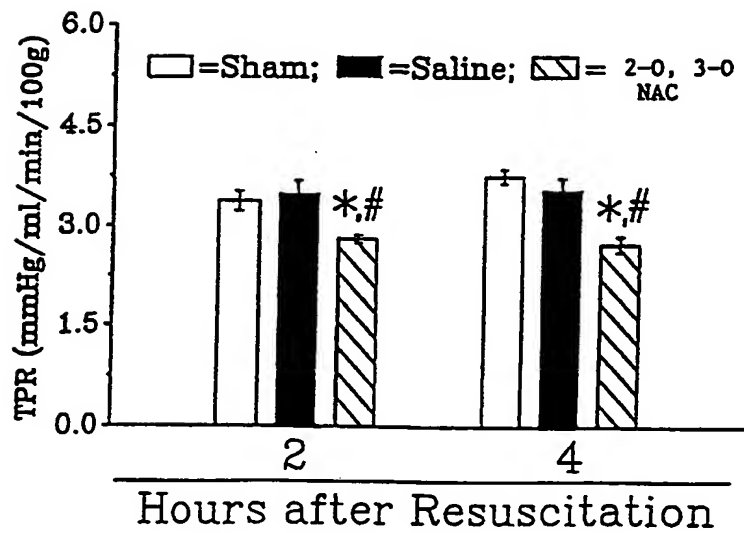


FIG. 7B

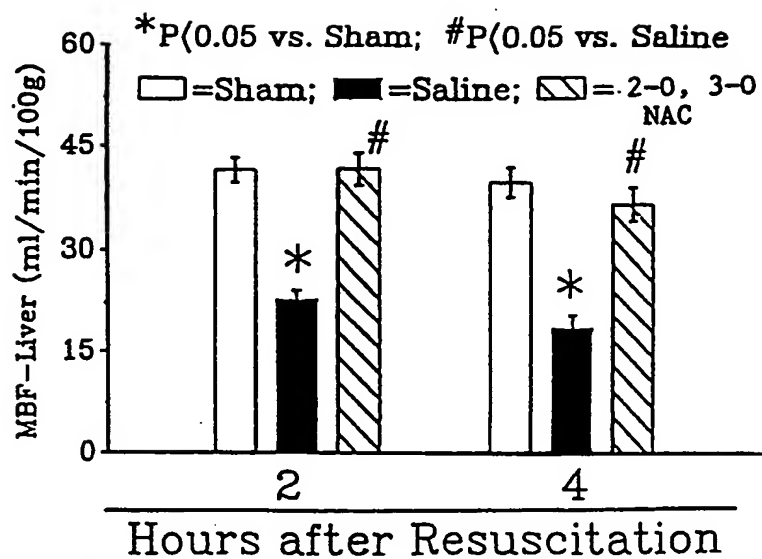


FIG. 8A

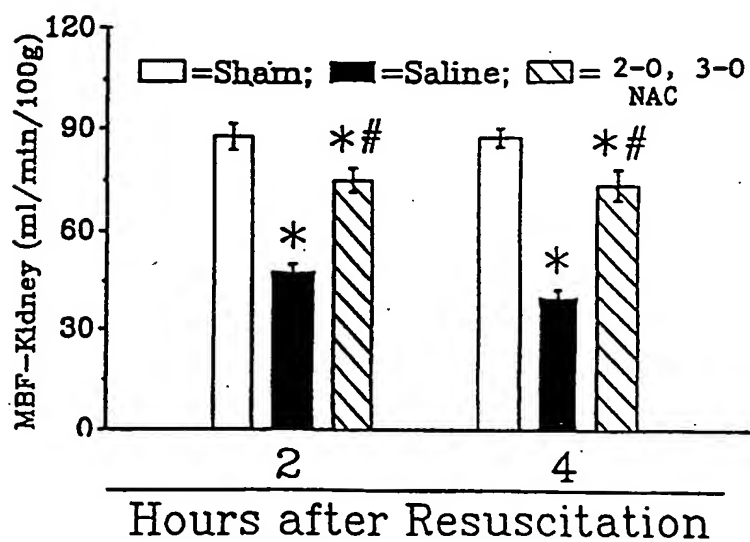


FIG. 8B

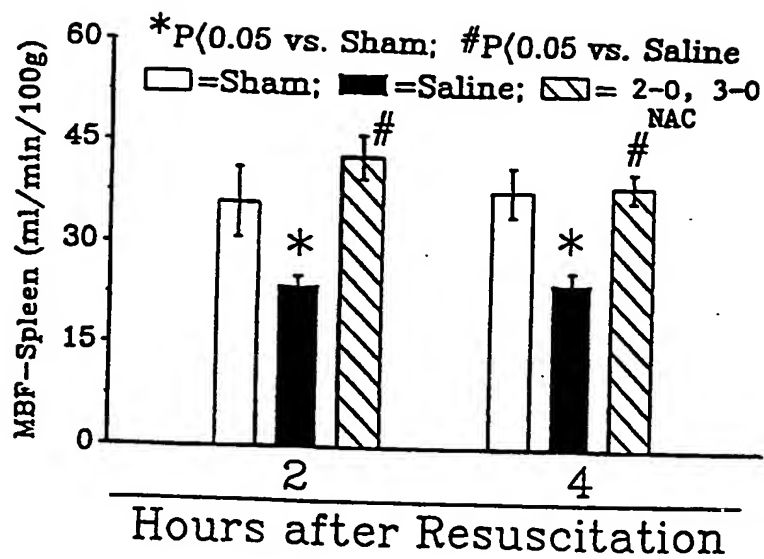


FIG. 8C

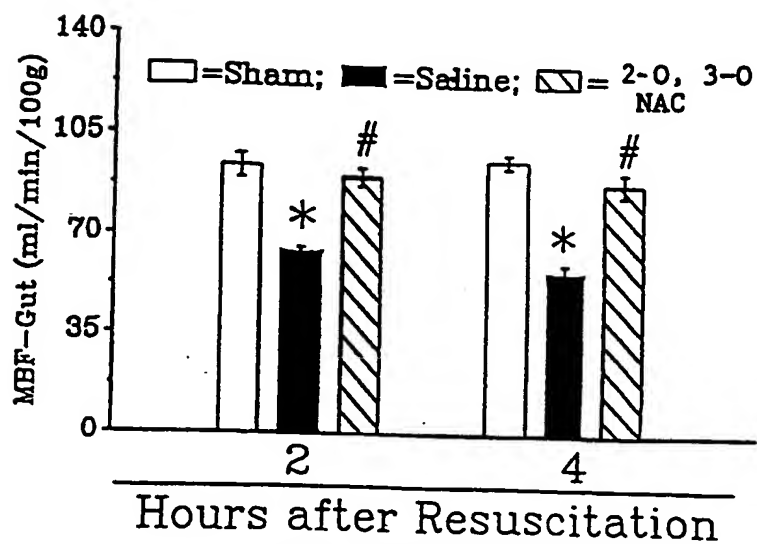


FIG. 8D

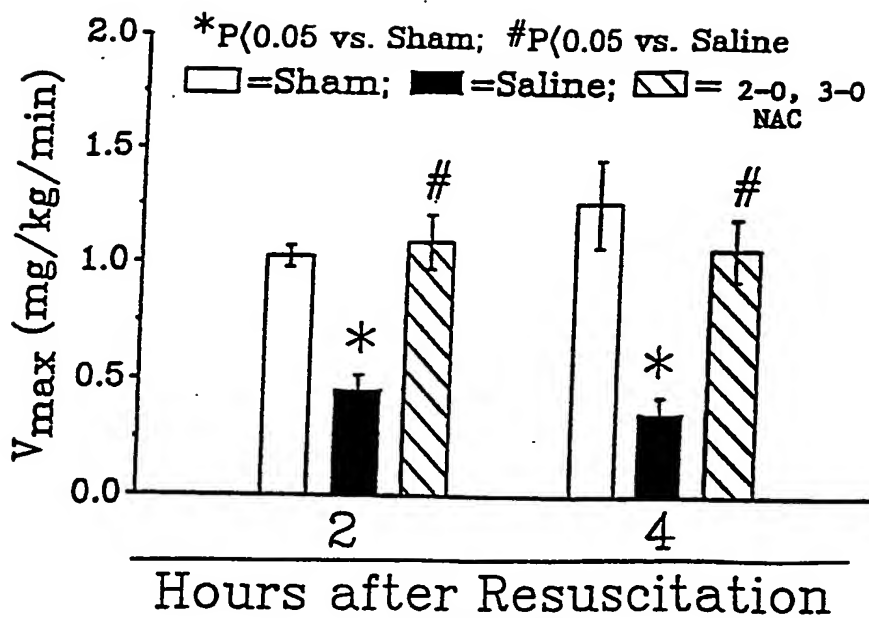
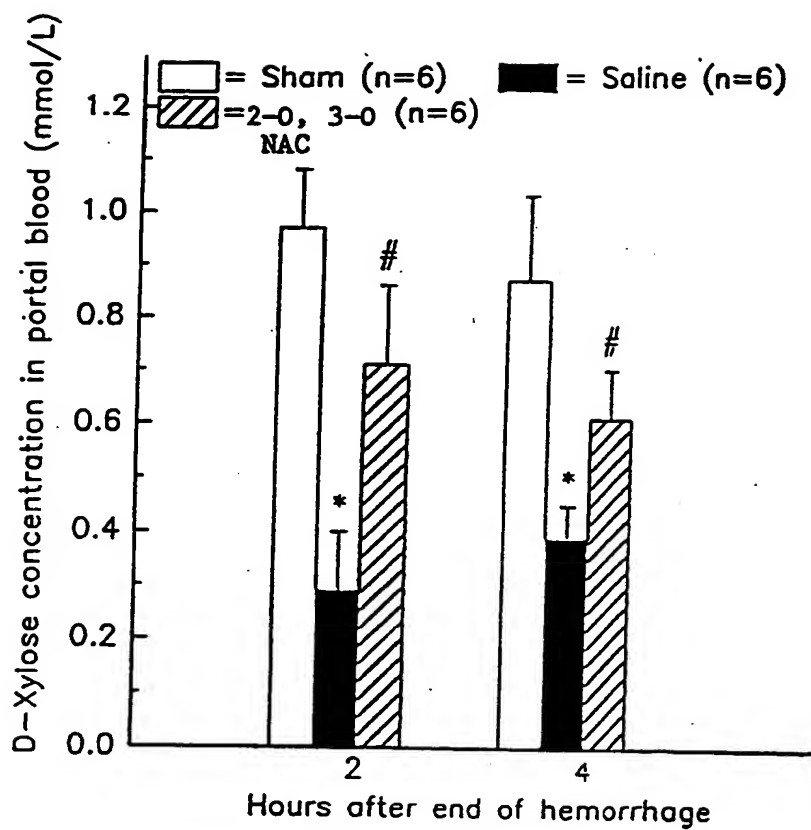


FIG. 9A



FIG. 9B



\* =  $p < 0.05$ , compared to sham and 2-0, 3-0 NAC groups (ANOVA, Newman-Keul's test)

# =  $p < 0.05$ , compared to all other groups (ANOVA, Newman-Keul's test)

**FIG. 10**

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US95/00576

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :A61K 31/725; C08B 37/10

US'CL :514/56, 921; 536/21

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/56, 921; 536/21

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

databases: APS, Registry, HCA, Embase, Medline, WPIDS

search terms: heparin#, heparan sulfate, heparinoid#, heparitdn, hypovolem?, blood (3w) loss

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US, A, 5,034,520 (LORMEAU ET AL.) 23 July 1991.	1-19
A	US, A, 4,916,219 (LINHARDT ET AL.) 10 April 1990.	1-19
A	US, A, 4,990,502 (LORMEAU ET AL.) 05 February 1991.	1-19
A	US, A, 4,847,338 (LINHARDT ET AL.) 11 July 1989.	1-19
X	THE JOURNAL OF TRAUMA, Volume 34, Number 5, issued May 1993, G. Singh et al., "Restoration of Gut Absorptive Capacity Following Trauma-Hemorrhagic Shock by the Adjuvant Use of Heparan Sulfate", pages 645-652, see pages 645-646 and 649-650.	1, 2, 9-15
Y		3-8, 11-13, 16-18

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	T	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	X	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	Y	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	A	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

07 APRIL 1995

Date of mailing of the international search report

20 APR 1995

Name and mailing address of the ISA/US  
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**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/US95/00576**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	THE JOURNAL OF TRAUMA, Volume 32, Number 4, issued April 1992, M. W. Rana et al., "Protective Effects of Preheparinization on the Microvasculature During and After Hemorrhagic Shock", pages 420-426, see pages 420 and 425.	1-19
Y	"DORLAND'S POCKET MEDICAL DICTIONARY", published 1989 by W. B. Saunders Company (Philadelphia, Pennsylvania), pages 539-540, see "shock" definition, bridging pages 539-540.	1-19
Y	MICROCIRC. ENDOTHELIUM LYMPHATICS, Volume 5, issued 1989, R. W. Hobson II et al., "Role of Heparin in Reducing Skeletal Muscle Infarction in Ischemia-Reperfusion", pages 259-276, see pages 259 and 270.	1-19